

Glass Shard Vortex

by Arya Akhavan (November 2012)

Angles for R.I. = 1.760

61 + 6 girdles = 67 facets

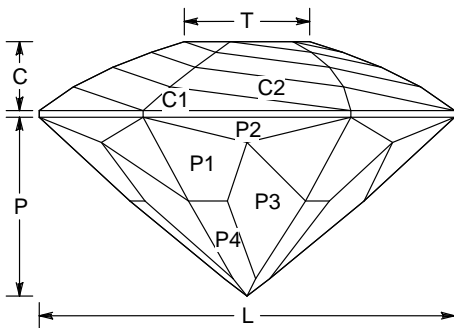
6-fold radial symmetry

96 index

$L/W = 1.155$ $T/W = 0.349$ $U/W = 0.349$

$P/W = 0.497$ $C/W = 0.192$

$Vol./W^3 = 0.267$



PAVILION

P1	45.00°	02-14-18-30-34-46-50-62-66-78-82-94	Cut to centerpoint.
G1	90.00°	96-16-32-48-64-80	Set stone size.
P2	65.00°	96-16-32-48-64-80	Level girdle.
P3	43.00°	15-31-47-63-79-95	Meet P1, P2
P4	41.34°	02-18-34-50-66-82	Meet P1, P3

CROWN

C1	45.00°	96-16-32-48-64-80	Set girdle width.
C2	33.78°	01-17-33-49-65-81	Meet G1, C1
C3	26.76°	02-18-34-50-66-82	Meet C1, C2
C4	22.10°	03-19-35-51-67-83	Meet C2, C3
C5	18.83°	04-20-36-52-68-84	Meet C3, C4
T	0.00°	Table	Meet C4, C54

The only thing I could think of when I saw this design's rendering was a swirling vortex of glass shards from a horror movie, That gives the stone a unique and very interesting reflection pattern. I prefer this in leucosapphire, but can be cut in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested size = 6-12 mm

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